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TITLE: BOARD ASSY PRINTER DRIVER 9N CLASS: 6441
DRAWING NO: REQUESTED REV:
PART LIST NO: 017-0006904 REV: C ENGR. RELEASE NO: 1733320

| ITEM | REQD | SIZE | PART NUMBER | PART DESCRIPTION | ER NO. | REMARKS |
|---|---|---|---|---|---|---|
| 000 | REF | D | 017-0006379 | SCHEMATIC PRINTER DRIVER | | |
| 001 | 0001 | C | 017-0008413 | CARD PRINTED | 1733256 | |
| 002 | 0010 | A | 008-0020051 | DARL. TRANSISTOR PNP PWR<br>Q9,11,13,15,17,19,21,23,25,27, | | |
| 003 | 0001 | A | 007-6718202 | RESISTOR NETWORK 6X470/330<br>U1, | | |
| 005 | 0001 | A | 006-1041156 | IC (74LS10)<br>U7, | | |
| 006 | 0001 | A | 007-1695301 | IC (7404)<br>U6, | | |
| 009 | 0001 | A | 008-0028210 | IC-HYBRID SPEED REGULATOR<br>U2, | | |
| 010 | 0003 | A | 006-0000527 | IC-LM339, 4X COMP. VCC 5/36V<br>U8.9.10. | | |
| 011 | 0012 | A | 008-0020030 | TRANSISTOR PNP<br>Q 1.5.30.33.35.37.39.41.43.45.<br>Q 47.49. | | |
| 012 | 0011 | A | 008-0020052 | DARL. TRANSISTOR NPN PWR<br>Q2.8.10.12.14.16.18.20.22.24.<br>Q 26 | | |
| 013 | 0011 | A | 008-0020029 | TRANSISTOR-NPN<br>Q4.31.32.34.36.38.40.42.44.46.<br>Q48. | | |
| 014 | 0030 | A | 006-1080641 | DIODE<br>CR 1.5.6.7.8.9.10.11.12.13.14.<br>CR 15.16.17.18.19.20.21.22.23.<br>CR 24.25.26.27.28.29.30.31.32.<br>CR 33. | | |
| 015 | 0001 | A | 007-2550106 | DIODE-ZENER 5,1V<br>CR2, | | |
| 016 | 0001 | A | 008-0022072 | DIODE-ZENER 5,6V<br>CR36, | | |
| 017 | 0001 | A | 007-2550114 | DIODE-ZENER 12V<br>CR37, | | |
| 018 | 0009 | A | 008-0082113 | FUSE 2.0A<br>F1.2.3.4.5.6.7.8.9. | 1733320 | ADDED |
| 019 | 0003 | A | 006-6020402 | RESISTOR COMP. 1KOHM 1/4W 5%<br>R7,10,134, | | |
| 020 | 0021 | A | 006-6020428 | RESISTOR-COMP.680 OHM 1/4W 5%<br>R 6.22.24.31.32.42.43.53.54.64<br>R 65.75.76.86.87.97.98.108.109<br>R 119.120. | | |
| 021 | 0019 | A | 006-6020454 | RESISTOR 470 OHM 1/4W 5%<br>R5.33.40.44.51.55.62.66.73.77.<br>R 84.88.95.99.106.110.117.121.<br>R 128. | | |
| 022 | 0002 | A | 006-6020404 | RESISTOR-COMP.1,5KOHM 1/4W 5%<br>R29,30, | | |

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1 v.4

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| ITEM | REQD | SIZE | PART NUMBER | PART DESCRIPTION | ER NO. | REMARKS |
|---|---|---|---|---|---|---|
| 024 | 0001 | A | 008-0030100 | RESISTOR-COMP.2,2KOHM 1/2W 5%<br>R2, | | |
| 025 | 0001 | A | 006-6020496 | RESISTOR COMP.120 OH. 1/4W 5%<br>R4, | | |
| 026 | 0001 | A | 006-6020429 | RESISTOR-COMP.2,2KOHM 1/4W 5%<br>R3, | | |
| 027 | 0001 | A | 008-0030485 | RESISTOR-WIRE W. 3,9 OHM 5% 4W<br>R1, | | |
| 028 | 0001 | A | 006-6020420 | RESISTOR-COMP.33KOHM 1/4W 5%<br>R9, | | |
| 030 | 0001 | A | 006-6020424 | CESIST.COMP.4,7KOHM 1/4W 5%<br>R14, | | |
| 031 | 0002 | A | 006-6020415 | RESISTOR COMP. 10 KOHM 1/4W 5%<br>R15,26, | | |
| 032 | 0001 | A | 006-6020483 | RESISTOR-COMP.560 OHM 1/4W 5%<br>R27, | | |
| 033 | 0010 | A | 007-6724726 | RESISTOR-COMP.1,82KOH. 1/4W 1%<br>R 36.47.58.69.80.91.102.113.<br>R 124.136. | | |
| 034 | 0009 | A | 007-6724714 | RESISTOR-COMP.1,37KOH. 1%<br>R 35.46.57.68.79.90.101.112.<br>R 123. | | |
| 035 | 0009 | A | 006-6020453 | RESISTOR COMP. 390 OHM 1/4W 5%<br>R 34.45.56.67.78.89.100.111.<br>R 122. | | |
| 036 | 0009 | A | 006-6030545 | RESISTOR-COMP. 1 OHM 4W 2%<br>R41.52.63.74.85.96.107.118.129 | | |
| 037 | 0002 | A | 006-6020414 | RESISTOR COMP.5,6KOHM 1/4W 5%<br>R131,132, | | |
| 038 | 0001 | A | 007-6724747 | RESISTOR-COMP. 3,01KOH.<br>R137, | | |
| 039 | 0001 | A | 008-0030677 | RESISTOR-COMP. 1KOHM 1W<br>R133, | | |
| 041 | 0004 | A | 008-0043004 | CAPACITOR CERAM.0.1UF 63V 20%<br>C1,8,25,26. | | |
| 042 | 0001 | A | 006-4025109 | CAPACITOR TANTAL 4,7UF 10V<br>C2, | | |
| 045 | 0001 | A | 006-4025124 | CAPACITOR-TANTAL 10MF 20V 10%<br>C7, | | |
| 047 | 0004 | A | 008-0044145 | CAPACITOR-ELECTR. 4700 UF 35V<br>C 19.20.21.22. | | |
| 048 | 0001 | A | 008-0040308 | CAPACITOR TANTAL 2,2 UF/16V<br>C18, | | |
| 049 | 0002 | A | 008-0044015 | CAPACITOR-ELEC.4.7UF40V10-100%<br>C26,27, | | |
| 050 | 0002 | A | 006-0002828 | RECTIFIER-POWER DIODE<br>CR34,35, | | |
| 051 | 0010 | A | 006-6020412 | RESISTOR COMP. 3,9KOHM 1/4W 5% | | |

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2v.4

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| ITEM | REQD | SIZE | PART NUMBER | PART DESCRIPTION | ER NO. | REMARKS |
|---|---|---|---|---|---|---|
| | | | | R23.37.48.59.70.81.92.103.114. R 125 | | |
| 052 | 0010 | A | 006-6020406 | RESISTOR COMP.1,8KOH. 1/4W 5% R25.38.49.60.71.82.93.104.115. R 126 | | |
| 053 | 0001 | A | 008-0010202 | CONNECTOR-PC-CARD 2X17 POL. P 201 | | |
| 054 | 0001 | A | 008-0010212 | CONNECTOR P.C. CARD 2X13 POL P 200 | | |
| 055 | 0001 | A | 008-0010204 | CONNECTOR PC-CARD 2X5 POL. P 202 | | |
| 056 | 0001 | A | 008-0010228 | CONNECTOR-PC CARD 1X2 POL. P 203 | | |
| 057 | 0001 | A | 007-9817593 | CONNECTOR ASSY. P.C. 3 POL. P 204 | | |
| 058 | 0001 | A | 007-9817594 | CONNECTOR ASSY. P.C. 4 POL. P 210 | | |
| 059 | 0003 | A | 008-0018310 | WIRE-SOLIDE AWG 20 JUMPER 1,2,R8, | | |
| 060 | 0018 | | 097-0426024 | SCREW FILLISTER HEAD M 3X6 | | |
| 063 | 0001 | A | 008-0088264 | INSULATOR-STRIP,THERM.C. | | |
| 064 | 0001 | | 017-0006851 | HEAT SINK | | |
| 065 | 0001 | A | 006-6010361 | RESISTOR METALF. 1,6K 0.5W 2% R 135 | | |
| 066 | 0060 | A | 007-9000001 | WIRE-SOLID CONDUCTOR 30AWG MASS IN GM | | |
| 067 | 0002 | A | 006-0043024 | CAPACITOR CER. 0.1UF 100V 20% C 23.24. | | |

* * END OF REPORT * *

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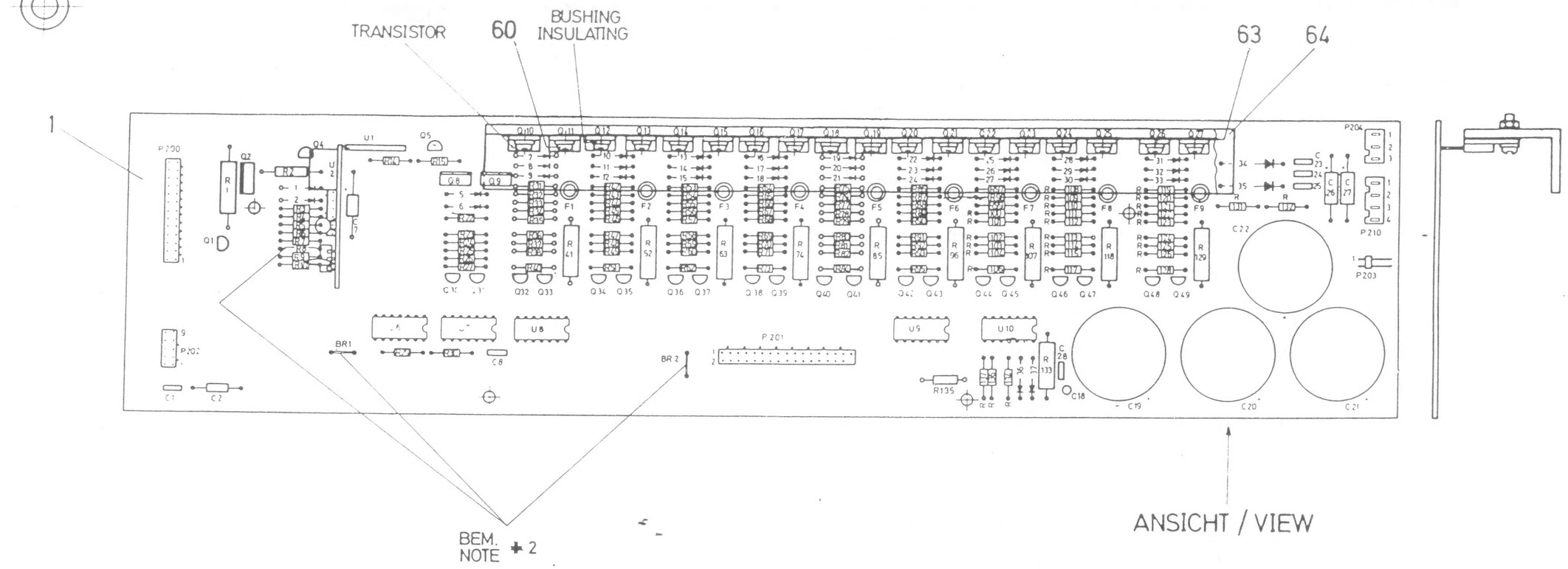
3v.4

| Item | Reqd | Part No | NAME | Size |
|---|---|---|---|---|

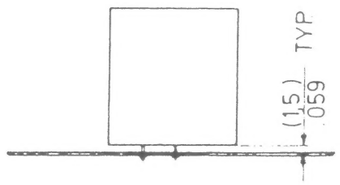
| Item | Reqd | TEILE NR Part No | NAME | FORMAT Size |
|---|---|---|---|---|




017-0006904

| STUCKZ Reqd | GEBRAUCHT FUR Next Assembly |
|---|---|
| | |
| | |
| | |

ANSICHT / VIEW




# 2 JUMPER ( BR1, BR2, R8 ) EINGELÖTET
JUMPER ( BR1, BR2, R8 ) SOLDERED

# 1 SCHEMATIC 017-0006379 - M

| INDEX Rev | ERG. MITT NR Eng Rel No | NAME Dtts | DAT Date |
|---|---|---|---|
| C | 17DR33320 | Kn. | 3.82 |
| B | 17DR33256 | Kn | 10.81 |
| A | 17DR33250 | Kn. | 9.81 |

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BEMERKUNGEN Notes

AHNL TEILE Similar Parts

QUALITÄTSANGABEN Standard Quality per ES 2.07.01

TOL WENN NICHT ANDERS ANGEGEBEN Unless Otherwise Specified

| | | mm | INCH |
|---|---|---|---|
| OBERFL QUAL Surface Finish | WINKEL Angles | | |
| MASSTOL mm NENNMASS Dimensional Tolerances | XX | | |
| | XXX | | |
| ECKEN RADIEN Corner Radii | INNEN MAX | | |
| | AUSSEN MAX | | |
| SCHARFKANTIG GEZ ECKEN FASE OD RADIUS Break Sharp Edges | MAX | | |
| BOHRUNGEN ENTGRATET Hole Deburr Depth | MAX | | |

ÄNDERUNGEN Changes

WERKSTOFF Material

OBERFLÄCHENBEHANDLG Coating

VERBINDUNGSART Joining

WÄRMEBEHANDLG Heat Treat

HÄRTE Hardness

| | |
|---|---|
| KLASSE Class | 6441 |
| GEZ AM Finish | 23.6.1980 |
| GEZ Dtts | |
| GEPR Chkr | |
| KONSTR Designer | |
| GES Appd | |
| NORMGEPR Appd | |

ERSETZT DURCH Superseded by

ERSATZ FÜR Supersedes 017-0006455

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NCR GmbH AUGSBURG

GRUPPE Unit

NAME BOARD-ASSY PRINTER DRIVER 9 NEEDLE

BLATT 4 VON 4

MASSSTAB 1:1

CODE

017-0006904